

# ***Naval Safety***



*save lives | preserve resources | improve readiness*



## ***U.S. Army Safety Center***

***Fort Rucker, Alabama  
28 October 2004***



***RADM Richard Brooks, USN  
Commander, Naval Safety Center***





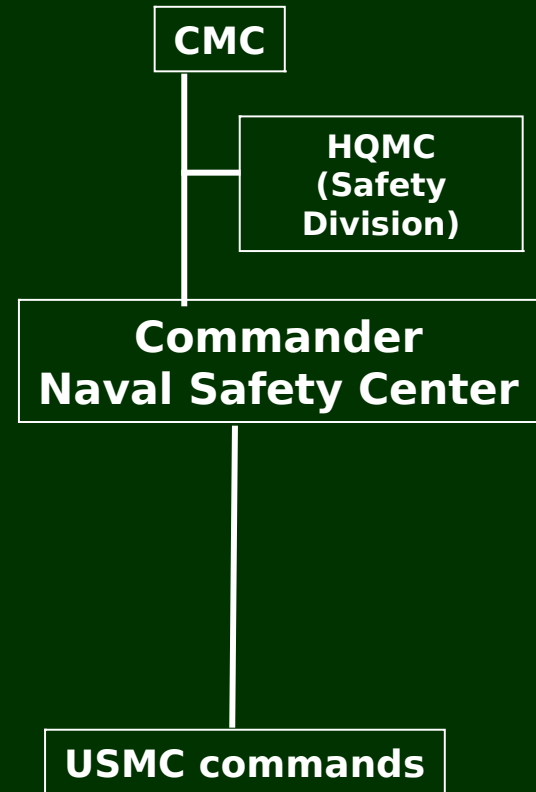
# HOW WE'RE ORGANIZED

## (External)

### Navy Organization



### USMC Organization





# Naval Safety Center Organization

NSC Manning	FY04
USN Uniformed	98
USN Civilian	91
USMC Uniformed	16
USMC Civilian	7

Commander, Naval Safety Center  
Code 00

Deputy Commander  
Code 02




NAVOSH  
Environmental  
Training Center

Legal/FOIA  
Office  
Code 03

Comptroller  
and Business  
Management Dept  
Code 04

Naval Reserve Unit  
Code 20

NAVOSHENVTRACE N Manning	FY04
USN Uniformed	7
USN Civilian	22

 **USN Active Duty**  
 **USMC Active Duty**  
 **DON Civilian**

Aviation  
Safety  
Programs  
Code 10

Afloat  
Safety  
Programs  
Code 30

Ashore  
Safety  
Programs  
Code 40

Information  
Management  
Systems  
Code 50

Statistics  
and  
Mathematics  
Code 60

Communications  
and  
Media  
Code 70

Occupational  
Safety  
and Health  
Code 90





# Mission Statement

Our purpose is to **enhance the warfighting capability** of the Navy and Marine Corps by arming our Sailors, Marines and civilians with the knowledge they need to save lives and preserve resources while accomplishing their missions.

**Mission:**

**Readiness**

**Product:**

**Awareness**

**Process:**

**Education**



# Secretary Rumsfeld's Challenge



THE SECRETARY OF DEFENSE  
1000 DEFENSE PENTAGON  
WASHINGTON, DC 20301-1000

May 19, 2003

MEMORANDUM FOR SECRETARIES OF THE MILITARY DEPARTMENTS  
CHAIRMAN OF THE JOINT CHIEFS OF STAFF  
UNDER SECRETARIES OF DEFENSE  
DIRECTOR, DEFENSE RESEARCH AND ENGINEERING  
ASSISTANT SECRETARIES OF DEFENSE  
GENERAL COUNSEL OF THE DEPARTMENT OF DEFENSE  
INSPECTOR GENERAL OF THE DEPARTMENT OF DEFENSE  
DIRECTOR, OPERATIONAL TEST AND EVALUATION  
ASSISTANTS TO THE SECRETARY OF DEFENSE  
DIRECTOR, ADMINISTRATION AND MANAGEMENT  
DIRECTOR, FORCE TRANSFORMATION  
DIRECTOR, NET ASSESSMENT  
DIRECTOR, PROGRAM ANALYSIS AND EVALUATION  
DIRECTORS OF THE DEFENSE AGENCIES  
DIRECTORS OF THE DOD FIELD ACTIVITIES

SUBJECT: Reducing Preventable Accidents

World-class organizations do not tolerate preventable accidents. Our accident rates have increased recently, and we need to turn this situation around. I challenge all of you to reduce the number of mishaps and accident rates by at least 50% in the next two years. ~~These goals are achievable, and will directly increase our operational readiness. We owe no less to the men and women who defend our Nation.~~

I have asked the Under Secretary of Defense for Personnel and Readiness to lead a department-wide effort to focus our accident reduction effort. I intend to be updated on our progress routinely. The USD(P&R) will provide detailed instructions in separate correspondence.



U06916-03

***“World-class organizations do not tolerate preventable accidents. Our accident rates have increased recently, and we need to turn this situation around. I challenge all of you to reduce the number of mishaps and accident rates by at least 50% in the next two years.”***

Memorandum from Secretary of Defense  
19 May 2003



# Magnitude of Accidents

***In FY04, Navy and Marine Corps Mishaps Resulted In:***

## NAVY

- **1 Navy death every 78 hours (3 days)**
- **1 POV death every 120 hours (5 days)**
- **1 Aviation death every 73 days**
- **1 Active duty military injury every 6 hours**
- **1.8 Military members hospitalized every day**
- **11.33 Civilian man-years lost**
- **1 Aircraft destroyed every 41 days**
- **\$1.33 Million a day in aviation losses**

## MARINE CORPS

- **1 Marine death every 88 hours (4 days)**
- **1 POV death every 191 hours (8 days)**
- **1 Aviation death every 26 days**
- **1 Active duty military injury every 25 hours**
- **1.9 Military members hospitalized every day**
- **2.53 Civilian man-years lost**
- **1 Aircraft destroyed every 19 days**
- **\$1.74 Million a day in aviation losses**

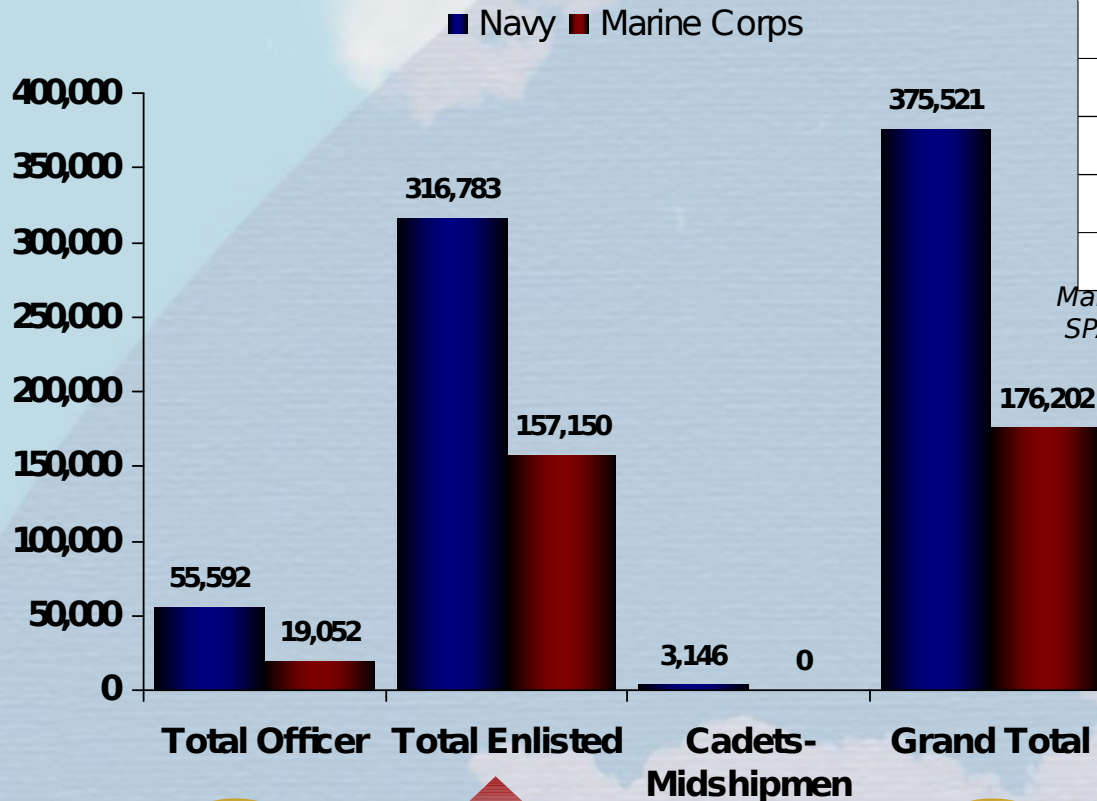
NSC Data: 18 October 2004





# USN/USMC Active Duty Personnel

Active Duty Military Personnel



Av. Age  
28-30

Av. Age  
21-23

Av. Age  
20-22

Age Group	USN	USMC
18-21	17.66 %	38.7 %
22-27	34.20 %	34.5 %
28-35	25.03 %	16.5 %
36-45	19.94 %	8.9 %
46-55	3.17 %	1.1 %

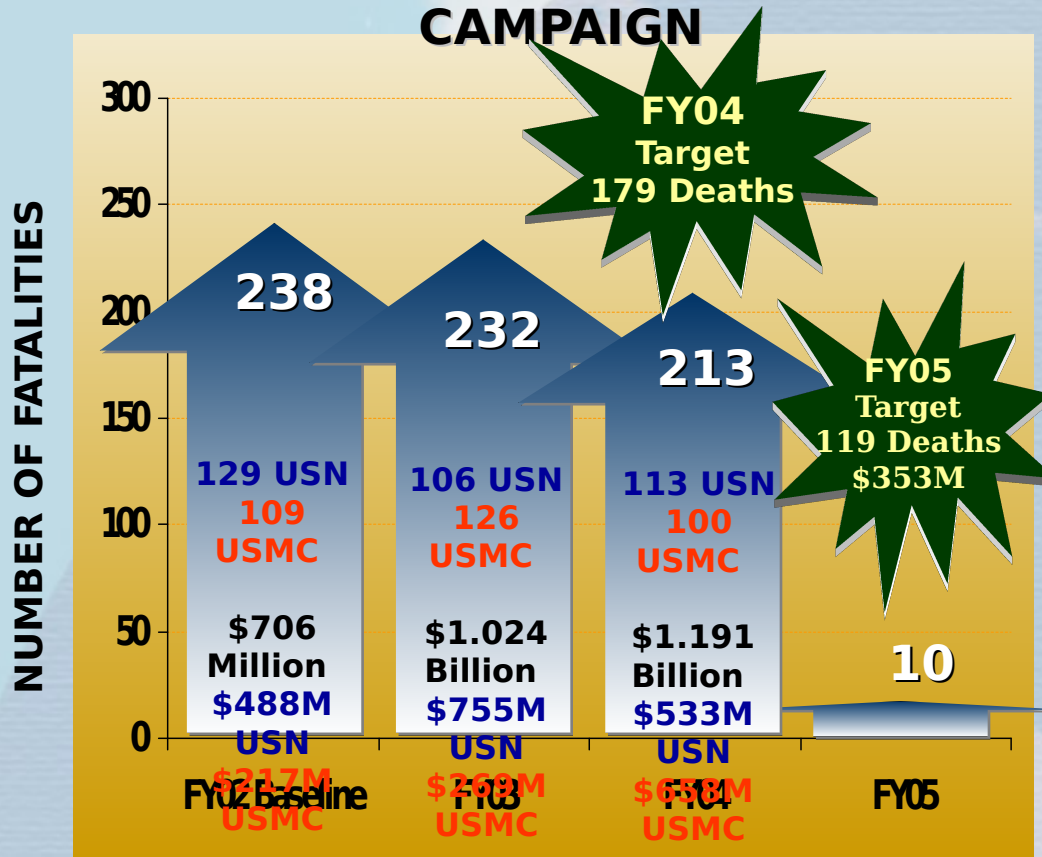
Manpower and Reserve Affairs, 24 September 2004  
SPAWARITC (Reports Division), 24 September 2004

Directorate for Information Operations and Reports/30 June 2004



# Where We Are

## FATALITIES & RESOURCES LOST DURING 50% MISHAP REDUCTION CAMPAIGN



We have experienced 10 deaths in FY05

(8 USN & 2 USMC)

Our FY05 50% mishap reduction

Naval Aviation mishap costs exceeded \$1Billion in FY04!

**OUR ENDSTATE GOAL IS  
ZERO!**

NSC Data: 18 October 2004

FY0500 USN





# Areas of Greatest Concern for USN/USMC

## *The Largest Challenge: Aviation - Traffic - Recreation!*



FISCAL YEAR	COST	
	OVERALL	AVIATION
FY99-03	\$ 3.8B	\$ 3.2B
FY02	\$683M	\$587M
FY03	\$1.024M	\$956M
FY04	\$1.192B	\$1.123B

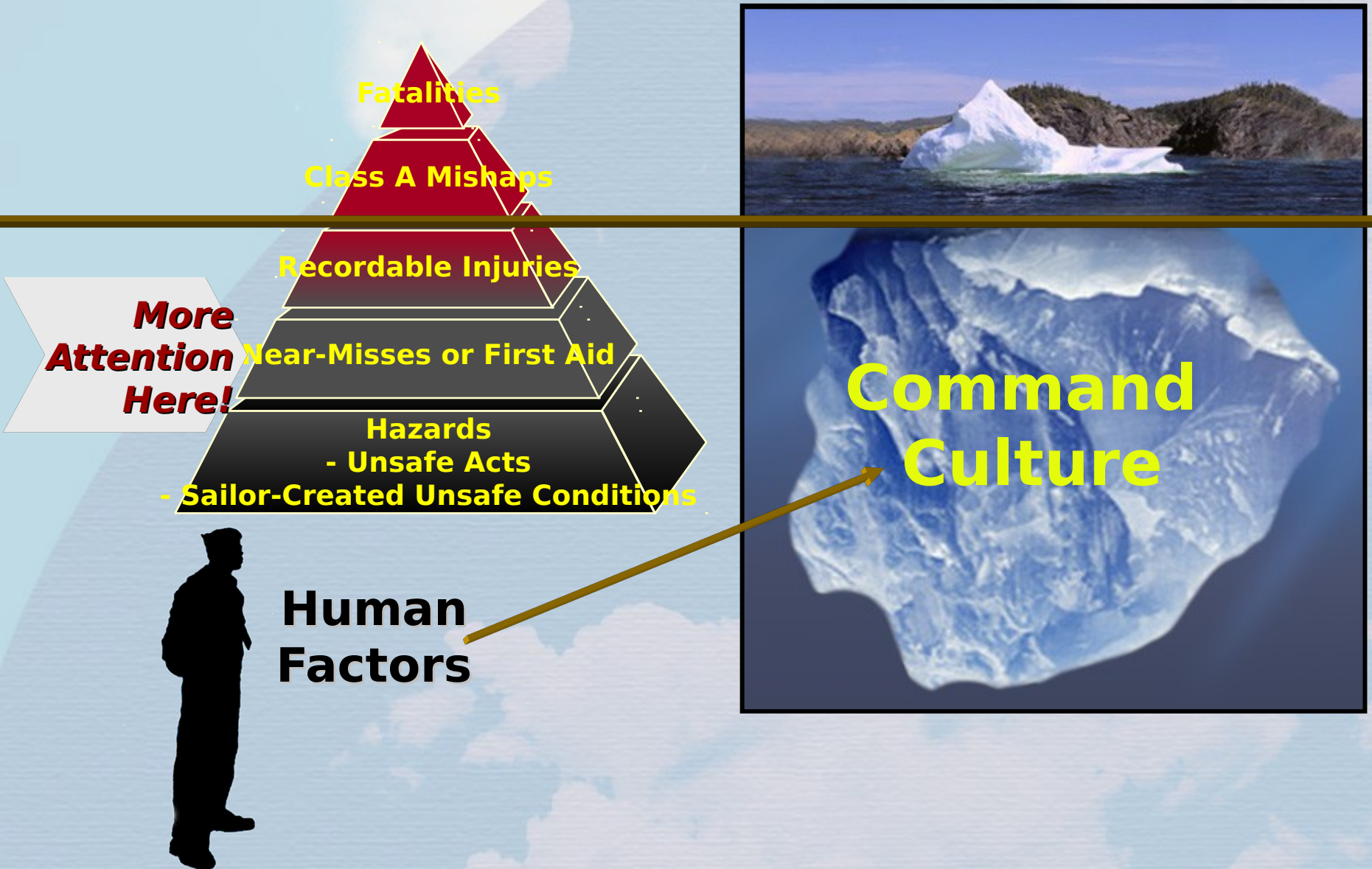
DEATHS								
OVERALL L	%	PMV			RECREATION			
		Air	Afloat	Shore	Air	Afloat	Shore	%
1,045	585 56%	96	128	361	141 13%	31	30	80
238	140 59%	30	32	78	32 13%	9	5	18
232	119 51%	17	31	71	32 14%	9	6	17
213	119 56%	16	20	83	32 15%	4	9	19

(\$\$\$ totals represent cost of all reported mishaps and includes cost of fatality IAW DOD 6055 and DOD property loss)

NSC Data: 18 October 2004



# Leaders Focus on Culture







# Naval Safety Center Programs

- **Mishap Investigations**



- **Surveys**

- **50% Mishap Reduction Media Kits**

- **Navy Safety Campaign Plan**

- **Critical Days of Summer Campaign: Navy-wide, Website, Print**



- **Safety Outreach Program: Good Samaritan, Safety Stand Downs**

- **Community Partnerships: Chamber of Commerce, USAA**

- **Media Campaign: Video/Print/Broadcast**



- **Social Marketing: “Heaven Can Wait,” “Street Smart,” “None for the Road”**

- **Agency Partnerships: National Highway Traffic Safety Administration/Click It or Ticket, Drive Smart VA,**



- **Motorcycle Safety Foundation, VA ABC Department**

- **First Flag Notification**

- **Joint Initiatives with DASN(S), USMC, USA, USAF**





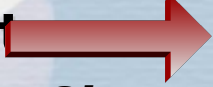

# “Heaven Can Wait”

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Social Marketing Safety Belt Video  
Courtesy of  
Duval Guillaume, Brussels



# How To Get There

- CO sets the climate  **LEADERSHIP**
  - *Class-A Flight vs. Class-A PMV*
- Khaki and NCO/PO involvement
  - *What are your Sailors/Marines doing after hours?*
  - *Does the COC see the warning signs?*
  - *The “leadership hungry” 3<sup>rd</sup> Class Petty Officer and CPL*  **RISK MANAGEMENT**
- ORM
  - *Take it Off-Duty*
- Proactive vs. Reactive
- Accountability
- Human Error
- **Is the “Safety Structure” in Place?**
- **Do Mr. & Mrs. USA care how their son, dad, husband, wife died?**



# Navy-Wide Challenges

***There is still lots to be done!***

Reporting &  
Analysis

Eliminate or Reduce Top  
Causal Factor of Mishaps:  
Human Error (85%)

Performance Metrics  
for Mishap Reduction

Eliminate or Reduce Highest  
Cost, Fatalities, Injuries:  
Aviation/PMV/REC

Culture Change:

- Leadership involvement necessary
- Reactive vice proactive
- Report class B/C mishaps
- Make safety a high priority

Funds for Safety Programs:

- USN-USMC Safety Council  
    ≅ \$11.82M FY05-06  
    (\$2.08M USN & \$9.74M USMC)
- DASN(S) Funding Meeting
- Commander Naval Installations Funding Traffic/Recreation Programs
- Hire 25 Regional Traffic/Recreation Managers and Specialists

Emphasize  
Accountability  
and Responsibility:

Traffic and Recreation  
Traffic Enforcement



***GOAL: ZERO  
MISHAPS!***





# What We Do For The Fleet

## **ON THE ROAD**

- Culture workshops
- Unit surveys
- ORM unit training
- Mishap investigations
- USMC MTT seminars
- PCO briefings
- NAVOSHENVTRACEN Safety & Occupational Health Training

## **AWARENESS**

- Fleet Analysis
- Magazines printed/distributed (473,000 copies)
- Interactive CD's
- Acquisition process in-roads
- Safety advisories
- Customer information requests (3,600+ database queries per month)
- Safety Center web page

## **Naval Safety Center**



Providing aviation, afloat, and shore support  
to Navy and Marine Corps commands



**NSC at your service... for free!**

Let our experience, expertise and unrivaled  
commitment to safety work for you.

**Mishap Investigations**

**Surveys**

**Assist Visits**

**Data Analysis**

**Workshops**

**Publications**

**Website**

**Presentations**

**Exhibits**

Call 757-444-3520 (DSN 564) or visit our website: [www.safetycenter.navy.mil](http://www.safetycenter.navy.mil)



# Areas the Army Safety Center Could Help Us

- Collaboration of safety efforts between the services – PMV, Off-Duty Recreation, Operational Motor Vehicle, etc.
- Tapping into the Army's safety experience - **sharing lessons learned, program safety features, and new video/media that addresses pressing safety issues.**
- The single most valuable initiative to drive a successful safety program: Leadership, Culture, Money



# QUESTIONS?